What is claimed is,

1. An elevator safety indicator apparatus for use on slip equipped oil field drilling rig elevators
to indicate to the driller when the slips are closed and locked in the closed position, the apparatus
comprising:
a) a lock enabling means, situated on the elevator, and arranged to move in sympathy with
the slips;
b) lock means situated to immobilize the lock enabling means when the slips are in at least
one preselected position;
c) a wireless signal transmitter on the elevator, responsive to the lock means, to transmit a
signal when the slips are locked in the preselected position; and
d) a receiver located on the drilling rig, remote from the elevator, arranged to receive the
signal and produce a visible indication that the signal has been received.

- 2. The apparatus of claim 1 wherein said lock means is movable toward the position to immobilize the lock enabling means, and is biased to complete the movement, but denied the completion of the movement until the slips are in the lockable position.
- 3. The apparatus of claim 1 wherein said preselected position includes that position that exists when the slips are open and that position which exists when the slips are closed.
 - 4. The apparatus of claim 1 wherein said wireless signal is a radio frequency transmission.
 - 5. The apparatus of claim 1 wherein said wireless signal is acoustic.
- 6. The apparatus of claim 1 wherein said wireless signal is in the infra-red range of the electromagnetic spectrum.

1	7. An elevator safety indicator apparatus for use on slip equipped elevators to indicate to the
	driller when the slips are closed and locked in the closed position, the apparatus comprising:
2	a) a slip equipped elevator with linkage that moves in sympathy with movement of the slips
3	between a slips open position and a slips closed position;
4	b) a lock enabling means, situated on the elevator, and attached to said linkage for
5	sympathetic movement therewith, and arranged such that locking the enabling means locks
7	the slips in at least one preselected position;
8	c) lock means situated to immobilize the lock enabling means when the slips are in at least
9	one preselected position;
10	d) a wireless signal transmitter on the elevator, responsive to the lock means, to transmit a
	wireless signal when the slips are locked in the preselected position; and
11	e) a receiver located on the drilling rig, remote from the elevator, arranged to receive the
12	signal and produce a visible indication that the signal has been received.
13	signal and produce a visible indication that the signal state of

- 8. The apparatus of claim 7 wherein said visible is a condition processable by automatic driller controls.
- 9. The apparatus of claim 7 wherein said wireless signal is a radio frequency electromagnetic transmission.
- 10. The apparatus of claim 7 wherein said wireless signal is an electromagnetic transmission in the infra-red range of the spectrum.
 - 11. The apparatus of claim 7 wherein said wireless signal is sonic.
- 12. The apparatus of claim 11 wherein said wireless signal is a sound transmission with a frequency greater than 21,000 Hertz.

13. The apparatus of claim 7 wherein said lock means, once moved toward the lock position, remains biased toward the lock position until the lock enabling means is in the lockable position, the signal being withheld until the lock enabling means is locked in the slip closed position.

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14. The apparatus of claim 7 wherein said wireless signal transmitter is battery operated with the battery carried by the elevator.